

PATENT ABSTRACTS OF JAPAN

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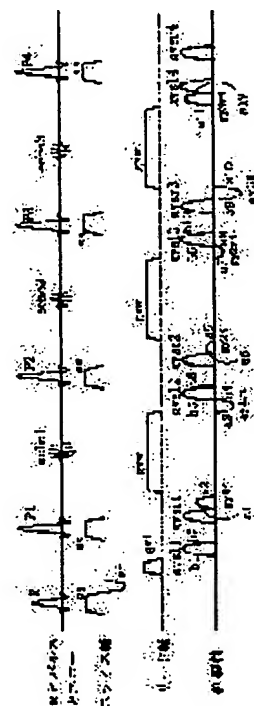
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(54) MR IMAGING METHOD, PHASE SHIFT MEASURING METHOD, AND MR IMAGING DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To prevent the influence of fluctuation of residual magnetization resulting from changes in gradient magnetic field pulses.

SOLUTION: In an FSE sequence, reset pulses g_{yslj} and g_{ysrj} which have amplitude equal to maximum amplitude used on a phase axis are inserted on the phase axis in front of and behind an inverted pulse P_j . Therefore, residual magnetization prior to application of phase encoding pulses is always constant irrespective of the history of application of other gradient magnetic field pulses. Thus, the influence of fluctuation of residual magnetization resulting from changes in gradient magnetic field pulses can be prevented.

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